Chapter 3 - Barker Slough/North Bay Aqueduct

Potential Contaminant Source or Watershed Activity	Report Section	Water Quality Parameters							
		TDS/ Salts	Organic Carbon	Bromide	Pesticides	Nutrients	Pathogens	Trace Elements	Turbidity
Recreation	3.3.1	○	⊙		○	○	⊙	○	⊙
Wastewater Treatment/Facilities	3.3.2								
Urban Runoff	3.3.3	○	○	○	○	○	○	○	○
Animal Populations	3.3.4	○	●			◒	●	○	●
Agricultural Activities	3.3.5	○	◒		○	○		○	◒
Unauthorized Activities	3.3.6								
Geological Sources	3.4.4.3	○	●	○				⊙	●

Rating symbols:

● PCS is a highly significant threat to drinking water quality

◒ PCS is a medium threat to drinking water quality

⊙ PCS is a potential threat, but available information is inadequate to rate the threat

○ PCS is a minor threat to drinking water quality

Blank cells indicate PCS not a source of contaminant

Chapter 4 - The Delta

Potential Contaminant Source or Watershed Activity	Report Section	Water Quality Parameters							
		TDS/ Salts	Organic Carbon	Bromide	Pesticides	Nutrients	Pathogens	Trace Elements	MTBE
Recreation	4.2.1		○			○	◒		○
Wastewater Treatment/Facilities	4.2.2	◒	⊙		○	⊙	⊙	○	
Urban Runoff	4.2.3	○	◒		○	◒	◒	○	
Livestock Grazing	4.2.4	○	○			◒	◒		
Confined Animal Feeding Operations	4.2.5	◒	⊙			●	◒		
Agricultural Drainage-Delta	4.2.6.2	◒	●	◒ [1]	○	◒	⊙		
Agricultural Drainage-Sacramento River	4.2.6.3	◒	◒		○	◒	⊙		
Agricultural Drainage-San Joaquin River	4.2.6.4	●	●	● [1]	○	◒	⊙		
Geologic Hazards	4.2.7	●	○	●				○	
Seawater Intrusion	4.2.8	●	⊙	●		⊙		○	

Rating symbols:

- ● PCS is a highly significant threat to drinking water quality
- ◒ PCS is a medium threat to drinking water quality
- ⊙ PCS is a potential threat, but available information is inadequate to rate the threat
- ○ PCS is a minor threat to drinking water quality

Blank cells indicate PCS not a source of contaminant

Notes:

1. See Seawater Intrusion, Section 4.3.7

Chapter 5.3.1 - South Bay Aqueduct

Potential Contaminant Source or Watershed Activity	Report Section	Water Quality Parameters								
		TDS/ Salts	Organic Carbon	Bromide	Pesticides	Nutrients	Pathogens	Trace Elements	Turbidity	T&O
Recreation	5.3.1.1									
Wastewater Treatment/Facilities	5.3.1.2		○			○	○		○	
Urban Runoff	5.3.1.3	○	○		○	○	○	○	○	
Animal Populations	5.3.1.4					◒	◒		○	
Algal Blooms	5.3.1.5								●	●
Agricultural Activities	5.3.1.6									
Traffic Accidents/Spills	5.3.1.7									
Geologic Hazards	5.3.1.8					○	○		○	

Rating symbols:

● PCS is a highly significant threat to drinking water quality

◒ PCS is a medium threat to drinking water quality

⊙ PCS is a potential threat, but available information is inadequate to rate the threat

○ PCS is a minor threat to drinking water quality

Blank cells indicate PCS not a source of contaminant

Chapter 5.3.2 - Lake Del Valle

Potential Contaminant Source or Watershed Activity	Report Section	Water Quality Parameters									
		TDS/ Salts	Organic Carbon	Bromide	Pesticides	Nutrients	Pathogens	Trace Elements	Turbidity	T&O	Other
Recreation	5.3.2.1						◒		◒		● 1
Wastewater Treatment/Facilities	5.3.2.2		◒			◒	◒				
Urban Runoff	5.3.2.3				○	○	○		○		
Animal Populations	5.3.2.4					○	◒		○		
Algal Blooms	5.3.2.5								◒	◒	
Agricultural Activities	5.3.2.6				○						
Mines	5.3.2.7	○						○			
Unauthorized Activity	5.3.2.8										
Traffic Accidents/Spills	5.3.2.9										
Geologic Hazards	5.3.2.10					○	○		○		
Fires	5.3.2.11										
Land Use Changes	5.3.2.12								●		● 2

Rating symbols:

● PCS is a highly significant threat to drinking water quality

◒ PCS is a medium threat to drinking water quality

⊙ PCS is a potential threat, but available information is inadequate to rate the threat

○ PCS is a minor threat to drinking water quality

Blank cells indicate PCS not a source of contaminant

Notes:

1. MTBE
2. Threat of erosion from development,grading, etc

Chapter 6 - San Luis Reservoir

Potential Contaminant Source or Watershed Activity	Report Section	Water Quality Parameters								
		TDS/ Salts	Organic Carbon	Bromide	Pesticides	Nutrients	Pathogens	Trace Elements	Turbidity	T&O
Recreation	6.3.1		○				◒		◒	
Wastewater Treatment/Facilities	6.3.2					○	○			
Animal Populations	6.3.3		○			◒	◒		◒	
Algal Blooms	6.3.4								○	◒
Agricultural Activities	6.3.5	○			○	○				
Traffic Accidents/Spills	6.3.6							○	○	
Geologic Hazards	6.3.7		○						◒	
Fires	6.3.8		○						◒	

Rating symbols:

- ● PCS is a highly significant threat to drinking water quality
- ◒ PCS is a medium threat to drinking water quality
- ⊙ PCS is a potential threat, but available information is inadequate to rate the threat
- ○ PCS is a minor threat to drinking water quality

Blank cells indicate PCS not a source of contaminant

Chapter 7.1 - Pyramid Lake

Potential Contaminant Source or Watershed Activity	Report Section	Water Quality Parameters									
		TDS/ Salts	Organic Carbon	Bromide	Pesticides	Nutrients	Pathogens	Trace Elements	Turbidity	T&O	Other
Recreation	7.1.3.1						◒		◒		◒ 1
Wastewater Treatment/Facilities	7.1.3.2		○			○	○				
Animal Populations	7.1.3.3					◒	◒		◒		
Crude Oil Pipelines	7.1.3.4										◒ 2
Agricultural Activities	7.1.3.5				○	○					
Mines	7.1.3.6							○	○		
Unauthorized Activity	7.1.3.7										⊙ 3
Traffic Accidents/Spills	7.1.3.8							○	○		○ 3
Geologic Hazards	7.1.3.9								○		◒ 2
Fires	7.1.3.10										
Land Use Changes	7.1.3.11										

Rating symbols:

- ● PCS is a highly significant threat to drinking water quality
- ◒ PCS is a medium threat to drinking water quality
- ⊙ PCS is a potential threat, but available information is inadequate to rate the threat
- ○ PCS is a minor threat to drinking water quality

Blank cells indicate PCS not a source of contaminant

Notes

1. MTBE
2. Oil
3. MTBE and Petroleum Hydrocarbons

Chapter 7.2 - Castaic Lake

Potential Contaminant Source or Watershed Activity	Report Section	Water Quality Parameters									
		TDS/ Salts	Organic Carbon	Bromide	Pesticides	Nutrients	Pathogens	Trace Elements	Turbidity	T&O	Other
Recreation	7.2.3.1						◒		◒		● 1
Wastewater Treatment/Facilities	7.2.3.2		○			⊙	◒				
Urban Runoff	7.2.3.3								○		
Animal Populations	7.2.3.4					◒	● 2		◒		
Algal Blooms	7.2.3.5								●	●	
Agricultural Activities	7.2.3.6										
Crude Oil Pipelines	7.2.3.7										
Mines	7.2.3.8										
Traffic Accidents/Spills	7.2.3.9										◒ 3
Solid/Hazardous Waste Facilities	7.2.3.10										
Geologic Hazards	7.2.3.11										
Fires	7.2.3.12					◒			◒		
Population/General Urban Area Increase	7.2.3.13										
Land Use Changes	7.2.3.14										

Rating symbols:

- ● PCS is a highly significant threat to drinking water quality
- ◒ PCS is a medium threat to drinking water quality
- ⊙ PCS is a potential threat, but available information is inadequate to rate the threat
- ○ PCS is a minor threat to drinking water quality

Blank cells indicate PCS not a source of contaminant

Notes:

1. MTBE
2. From cattle grazing
3. Pump oil spills

Chapter 7.3 - Silverwood Lake

Potential Contaminant Source or Watershed Activity	Report Section	Water Quality Parameters									
		TDS/ Salts	Organic Carbon	Bromide	Pesticides	Nutrients	Pathogens	Trace Elements	Turbidity	T&O	MTBE
Recreation	7.3.3.1						◒		◒		◒
Wastewater Treatment/Facilities	7.3.3.2		◒			◒	◒				
Urban Runoff	7.3.3.3								◒		
Animal Populations	7.3.3.4					◒	◒		◒		
Algal Blooms	7.3.3.5								●	●	
Agricultural Activities	7.3.3.6				○						
Unauthorized Activity	7.3.3.7										
Geologic Hazards	7.3.3.8								○		
Land Use Changes	7.3.3.9								◒		

Rating symbols:

● PCS is a highly significant threat to drinking water quality

◒ PCS is a medium threat to drinking water quality

⊙ PCS is a potential threat, but available information is inadequate to rate the threat

○ PCS is a minor threat to drinking water quality

Blank cells indicate PCS not a source of contaminant

Chapter 7.4 - Lake Perris

Potential Contaminant Source or Watershed Activity	Report Section	Water Quality Parameters									
		TDS/ Salts	Organic Carbon	Bromide	Pesticides	Nutrients	Pathogens	Trace Elements	Turbidity	T&O	Other
Recreation	7.4.3.1					◒	●		○		● 1
Wastewater Treatment/Facilities	7.4.3.2		○			●	●				
Urban runoff	7.4.3.3										
Animal Populations	7.4.3.4					○	○				
Hypolimnetic Anoxia	7.4.4.1								●	●	
Unauthorized Activity	7.4.3.5										● 2
Land Use Changes	7.4.3.6										

Rating symbols:

- ● PCS is a highly significant threat to drinking water quality
- ◒ PCS is a medium threat to drinking water quality
- ⊙ PCS is a potential threat, but available information is inadequate to rate the threat
- ○ PCS is a minor threat to drinking water quality

Blank cells indicate PCS not a source of contaminant

Notes:

1. MTBE
2. MTBE and petroleum hydrocarbons

Chapter 8 - California Aqueduct
Section 1: Clifton Court to O'Neill Forebay

Potential Contaminant Source or Watershed Activity	Report Section	Water Quality Parameters									
		TDS/ Salts	Organic Carbon	Bromide	Pesticides	Nutrients	Pathogens	Trace Elements	Turbidity	T&O	Hydro-carbons
Recreation	8.1.3.1					○	○				
Wastewater Treatment/Facilities	8.1.3.2										
Urban Runoff	8.1.3.3	○	○		○	○	○	○	○	○	
Animal Populations	8.1.3.4	○	○			○	○		○	○	
Algal Blooms	8.1.3.5								○	◒	
Agricultural Activity	8.1.3.6	○	○		○	○		○		○	
Wind Erosion	8.1.3.7	○	○			○		○	◒		
Accidents/Spills	8.1.3.8							○		○	●
Groundwater Discharges	8.1.3.9										
Geologic Hazards	8.1.3.10	○		○							

Rating symbols:

● PCS is a highly significant threat to drinking water quality

◒ PCS is a medium threat to drinking water quality

⊙ PCS is a potential threat, but available information is inadequate to rate the threat

○ PCS is a minor threat to drinking water quality

Blank cells indicate PCS not a source of contaminant

Chapter 8 - California Aqueduct
Section 2: The O'Neill Forebay

Potential Contaminant Source or Watershed Activity	Report Section	Water Quality Parameters								
		TDS/ Salts	Organic Carbon	Bromide	Pesticides	Nutrients	Pathogens	Trace Elements	Turbidity	T&O
The Delta-Mendota Canal	8.2.3.1	◒	◒	◒	○	◒	⊙	○	◒	⊙
Recreation	8.2.3.2					○	◒			
Urban Runoff	8.2.3.3									
Agricultural Activities	8.2.3.4									
Animal Populations	8.2.3.5					◒	◒			
Accidents/Spills	8.2.3.6									
Fires	8.2.3.7	○							○	

Rating symbols:

● PCS is a highly significant threat to drinking water quality

◒ PCS is a medium threat to drinking water quality

⊙ PCS is a potential threat, but available information is inadequate to rate the threat

○ PCS is a minor threat to drinking water quality

Blank cells indicate PCS not a source of contaminant

Chapter 8 - California Aqueduct
Section 3: Outlet of O'Neill Forebay to Check 21 (Kettleman City): San Luis Canal

Potential Contaminant Source or Watershed Activity	Report Section	Water Quality Parameters									
		TDS/ Salts	Organic Carbon	Bromide	Pesticides	Nutrients	Pathogens	Trace Elements	Turbidity	T&O	Other
Floodwater Inflows	8.3.3.1	●	⊙	⊙	○	◒	⊙	●	●	○	● ^
Recreation	8.3.3.2						○				
Wastewater Treatment/Facilities	8.3.3.3	○	○			○	○		○	○	
Industrial Discharge to Land	8.3.3.4	○	○					○			
Industrial-site Stormwater Runoff	8.3.3.5	○	○		○	○		○			
Animal Populations	8.3.3.6	○	○			◒	◒				
Agricultural Activities	8.3.3.7				○						
Mines	8.3.3.8	○						○			◒ 1
Solid/Hazardous Waste Facilities	8.3.3.9	○			○	○		○			
Unauthorized Activity	8.3.3.10										
Transportation Corridors	8.3.3.11										○ 2
Accidents/Spills	8.3.3.12	○			○	○	○				○ 2
Groundwater Discharges	8.3.3.13	◒				○		◒			
Geologic Hazards	8.3.3.14	○	○	○	○	○	○	○	○	○	◒ 1
Population and General Urban Area Increase	8.3.3.15										

Rating symbols:

- ● PCS is a highly significant threat to drinking water quality
- ◒ PCS is a medium threat to drinking water quality
- ⊙ PCS is a potential threat, but available information is inadequate to rate the threat
- ○ PCS is a minor threat to drinking water quality

Blank cells indicate PCS not a source of contaminant

Notes:

1. Asbestos and mercury
2. Hydrocarbons

Chapter 8 - California Aqueduct
Section 4: Kettleman City to Kern River Intertie

Potential Contaminant Source or Watershed Activity	Report Section	Water Quality Parameters									
		TDS/ Salts	Organic Carbon	Bromide	Pesticides	Nutrients	Pathogens	Trace Elements	Turbidity	T&O	Hydro-carbons
Recreation	8.4.3.1						◒				
Wastewater Treatment/Facilities	8.4.3.2										
Floodwater Inflows	8.4.3.3										
Accidents/Spills	8.4.3.4										◒
Water-service Turnouts	8.4.3.5				○	○		○			

Rating symbols:

- ● PCS is a highly significant threat to drinking water quality
- ◒ PCS is a medium threat to drinking water quality
- ⊙ PCS is a potential threat, but available information is inadequate to rate the threat
- ○ PCS is a minor threat to drinking water quality

Blank cells indicate PCS not a source of contaminant

Chapter 8 - California Aqueduct
Section 5: Kern River Intertie to East/West Branch Bifurcation

Potential Contaminant Source or Watershed Activity	Report Section	Water Quality Parameters									
		TDS/ Salts	Organic Carbon	Bromide	Pesticides	Nutrients	Pathogens	Trace Elements	Turbidity	T&O	Other
Kern River Intertie	8.5.3.1				○	○	○	○	◒		
Groundwater Discharges	8.5.3.2	◒	○	○	○	○		◒ 1			
Recreation	8.5.3.3						○				
Accidents/Spills	8.5.3.4										◒ 2

Rating symbols:

- ● PCS is a highly significant threat to drinking water quality
- ◒ PCS is a medium threat to drinking water quality
- ⊙ PCS is a potential threat, but available information is inadequate to rate the threat
- ○ PCS is a minor threat to drinking water quality

Blank cells indicate PCS not a source of contaminant

Notes:

1. Arsenic
2. Hydrocarbons

Chapter 9 - Coastal Branch Aqueduct

Potential Contaminant Source or Watershed Activity	Report Section	Water Quality Parameters							
		TDS/ Salts	Organic Carbon	Bromide	Pesticides	Nutrients	Pathogens	Trace Elements	T&O
Recreation	9.3.1								
Wastewater Treatment/Facilities	9.3.2								
Urban Runoff	9.3.3								
Animal Populations	9.3.4					◒	◒		
Oil Wells and Pipelines	9.3.5								
Agricultural Activities	9.3.6				◒	◒			
Algal Blooms	9.3.7								◒
Unauthorized Activity	9.3.8				◒	◒			
Traffic Accidents/Spills	9.3.9								
Geologic Hazards	9.3.10				○	○	○		
Fires	9.3.11								
Land Use Changes	9.3.12								

Rating symbols:

- ● PCS is a highly significant threat to drinking water quality
- ◒ PCS is a medium threat to drinking water quality
- ⊙ PCS is a potential threat, but available information is inadequate to rate the threat
- ○ PCS is a minor threat to drinking water quality

Blank cells indicate PCS not a source of contaminant

Chapter 10 - East and West Branches of the California Aqueduct

Potential Contaminant Source or Watershed Activity	Report Section	Water Quality Parameters									
		TDS/ Salts	Organic Carbon	Bromide	Pesticides	Nutrients	Pathogens	Trace Elements	Turbidity	T&O	Hydro-carbons
WEST BRANCH											
Animal Populations	10.1.3.1					○	○		○		
Recreation	10.1.3.2						○		○		
Urban Runoff	10.1.3.3				○						
EAST BRANCH											
Recreation	10.2.3.1						⊙	○	○	○	
Traffic Accidents/Spills	10.2.3.2										⊙
Unauthorized Activity	10.2.3.3										
Urban Runoff	10.2.3.4	⊙	⊙		⊙	⊙	⊙		⊙		
Algal Blooms	10.2.3.5								⊙	●	
Groundwater Discharges	10.2.3.6										
Other Potential Sources	10.2.3.7										⊙

Rating symbols:

● PCS is a highly significant threat to drinking water quality

◒ PCS is a medium threat to drinking water quality

⊙ PCS is a potential threat, but available information is inadequate to rate the threat

○ PCS is a minor threat to drinking water quality

Blank cells indicate PCS not a source of contaminant